2006 Edition - US Army Combat Readiness Center

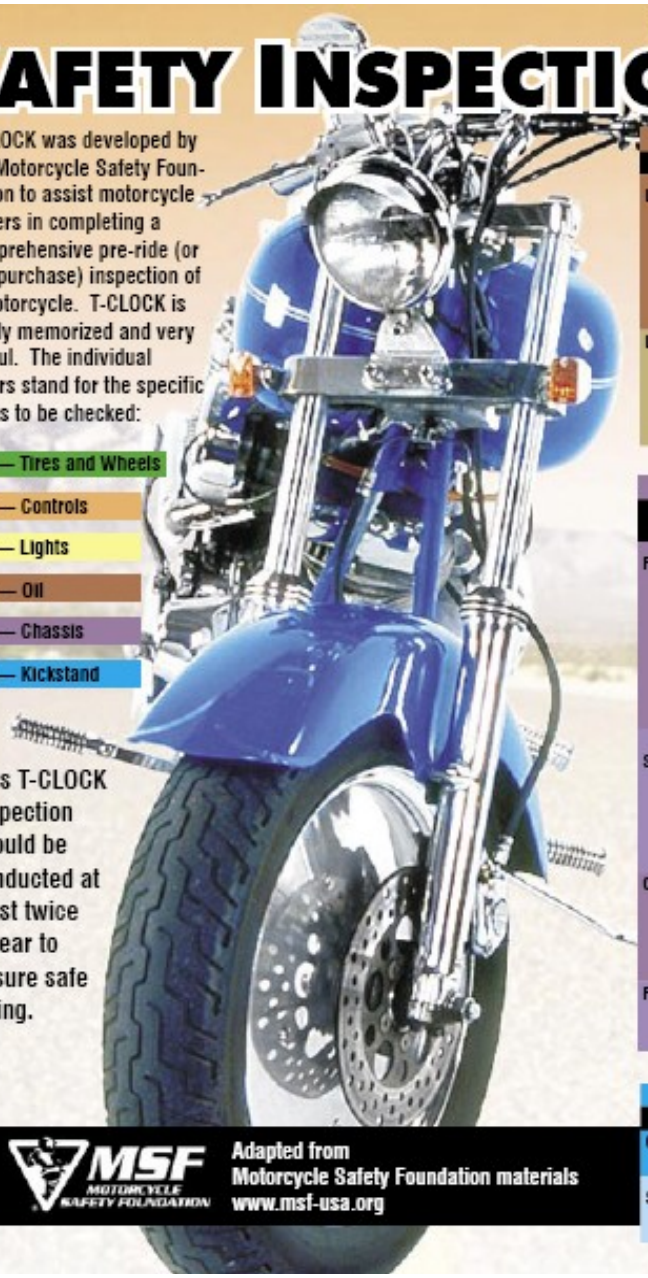
MANDATORY PERSONAL
PROTECTIVE EQUIPMENT
& REQUIREMENTS
DODI 6055.4- DoD Traffic Safety Program & AR 385-55
RiderCourse®
COMPLETION CARD
NAME
SPONSOR
STATE
SAMPLE
E 000000
AND I.D. #
FATALITIES
POV UPDATE
FY 06
through March 2006
Class A-C accidents / soldiers killed
Cars 79/31
Vans 1/0
Trucks 22/8
Motorcycles 46/14
Other* 1/0
*Includes tractor trailers, unknown POVs, and bicycles
Total POV Fatalities 53
FY 05 69
3-Yr Avg 55
Either the Jacket & or belt worn as pictured meets the requirements of AR 385-55. The belt pictured meets minimum visibility requirements.
Eye Protection. Face shield or Impact-shatter resistant goggles or wrap-around glasses that meet ANSI Z87.1
Helmets. certified by the manufacturer to meet or exceed DOT standards and must be properly fastened under the chin. A full face helmet with proper shield provides best protection
Garment Visibility. A brightly colored outer upper garment during the day and a reflective upper garment during the night.
Clothing. Long-sleeved shirt or jacket, long trousers, and full-fingered gloves or mittens designed for use on a motorcycle.
Sturdy Foot Wear. Lether boots or over-the ankle shoes.

Motorcycle Safety Inspection Checklist

T-CLOCK was developed by the Motorcycle Safety Foundation to assist motorcycle drivers in completing a comprehensive pre-ride (or pre-purchase) inspection of a motorcycle. T-CLOCK is easily memorized and very useful. The individual letters stand for the specific areas to be checked:

- T — Tires and Wheels
- C — Controls
- L — Lights
- O — Oil
- C — Chassis
- K — Kickstand

This T-CLOCK inspection should be conducted at least twice a year to ensure safe riding.



T — TIRES AND WHEELS

Item	Check	Look for	Check off
Tires	Condition	*Tread depth, wear, weathering, evenly seated, bulges, embedded objects*	Front - Rear
	Air Pressure	*Check when cold, adjust to load and speed*	Front - Rear
Wheels	Spokes	*Bent, broken, missing, tension, check at top of wheel: "ring"—OK, "thud"—loose spoke*	Front - Rear
	Cast	*Cracks, dents*	Front - Rear
	Rims	*Out of round/true—5mm; spin wheel, index against a stationary pointer*	Front - Rear
	Bearings	*Grab top and bottom of tire and flex, no free play (click) between hub and axle, no growl when spinning*	Front - Rear
	Seals	*Cracked, cut, or torn, excessive grease on outside, reddish-brown outside*	Front - Rear

C — CONTROLS

Item	Check	Look for	Check off
Levers	Condition	*Broken, bent, cracked, mounts tight, ball ends on handlebar lever*	Front - Rear
	Pivots	*Lubricated*	
Cables	Condition	*Fraying, kinks, lubrication, ends, and length*	
	Routing	*No interference or pulling at steering head, suspension; no sharp angles; wire looms in place*	
Hoses	Condition	*Cuts, cracks, leaks, bulges, chafing, or deterioration*	
	Routing	*No interference or pulling at steering head, suspension, no sharp angles, wire looms in place*	
Throttle	Operation	*Moves freely, snaps closed, no revving*	

L — LIGHTS

Item	Check	Look for	Check off
Battery	Condition	*Terminals clean and tight electrolyte level, held down securely*	
	Vent Tube	*Not kinked, routed properly, not plugged*	
Lenses	Condition	*Cracked, broken, securely mounted, excessive condensation*	
Reflectors	Condition	*Cracked, broken, securely mounted*	
Wiring	Condition	*Fraying, chafing, insulation*	
	Routing	*Pinched, no interference or pulling at steering head or suspension, wire looms and ties in place, connectors tight, clean*	
Headlamp	Condition	*Cracks, reflector, mounting, and adjustment system*	
	Aim	*Height and right/left*	

O — OIL

Item	Check	Look for	Check off
Levels	Engine Oil	*Check warm on center stand, dipstick, sight glass*	
	Hypoid Gear Oil	*Transmission, rear drive shaft*	
	Hydraulic Fluid	*Brakes, clutch, reservoirs, or sight glass*	
	Coolant	*Reservoir and/or coolant recovery tank — cool only*	
	Fuel	*Tank or gauge*	
Leaks	Engine Oil	*Gaskets, housings, seals*	
	Hypoid Gear	*Gaskets, seals, breathers*	
	Hydraulic Fluid	*Hoses, master cylinders, calipers*	
	Coolant	*Radiator hoses, tanks, fittings, pipes*	
	Fuel	*Lines, fuel taps, carburetors*	

C — CHASSIS

Item	Check	Look for	Check off
Frame	Condition	*Cracks at gussets, accessory mounts, look for paint lifting*	
	Steering Head Bearings	*No detent or tight spots through full travel, raise front wheel, check for play by pushing and pulling forks*	
	Swing Arm Bushings/ Bearings	*Raise rear wheel, check for play by pushing and pulling swing arm*	
Suspension	Forks	*Smooth travel, equal air pressure and damping, and anti-dive settings*	
	Shock(s)	*Smooth travel, equal preload, air pressure and damping settings, linkage moves freely and is lubricated*	
Chain/Belt	Tension	*Check at tightest point*	
	Lubrication	*Side plates when hot (note: do not lubricate belts!)*	
	Sprockets	*Teeth not hooked, securely mounted*	
Fasteners	Threaded	*Tight, missing bolts, nuts*	
	Clips	*Broken, missing*	
	Cotter Pins	*Broken, missing*	

K — KICKSTAND

Item	Check	Look for	Check off
Centerstand	Condition	*Cracks, bent*	
	Retention	*Springs in place, tension to hold position*	
Sidestand	Condition	*Cracks, bent (safety cut-out switch and pad, if equipped)*	
	Retention	*Springs in place, tension to hold position*	

MSF Motorcycle Safety Foundation

Adapted from Motorcycle Safety Foundation materials
www.msf-usa.org